

Recombinant Human KIR3DL2 Protein, C-His-tagged

Cat. No. KIR3DL2-085H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIR3DL2 Protein with C-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	The killer immunoglobulin-like receptors (KIRs) on natural killer (NK) cells regulate the inhibition and activation of NK-cell responses through recognition of human leukocyte antigen (HLA) class I molecules. KIR3DL1, a receptor for HLA-B antigens with the Bw4 allele, transmits an inhibitory signal to prevent killer cell-mediated cytotoxicity. KIR3DL1 encodes a 444 amino acid type I transmembrane protein, containing 3 immunoglobulin-like C2-type domains. Human KIR3DL1 maps to chromosome 19q13.4.
Molecular Mass	~35 kDa
AA Sequence	LMGGQDKPFLSARPSTVVPRGGHVALQCHYRRGFNNFMLYKEDRSHVPIFHGRIFQ ESFIMGPVTPAHAGTYRCRGSRPHSLTGWSAPSNPLVIMVTGNHRKPSLLAHPGPL LKSGETVILQCWSDVMFEHFFLHREGISEDPSRLVGQIHDGVSKANFSIGPLMPVLA GTYRCYGSVPHPSPYQLSAPSDPLDIVITGLYEKPSLSAQPGPTVQAGENVTLSCSSW SSYDIYHLSREGEAHERRLRAPKVNRTFQADFPLGPATHGGTYRCFGSFRALPCV WSNSSDPLLVSVTGNPSSSWPSPTEPSSKSGICRHLH
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

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Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Concentration	≥0.5 mg/mL
Storage Buffer	PBS, 4M Urea, pH7.4
GENE INFORMATION	
Gene Name	KIR3DL2 killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2 [Homo sapiens (human)]
Official Symbol	KIR3DL2
Synonyms	KIR3DL2; killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2; killer cell immunoglobulin-like receptor 3DL2; CD158K; cl 5; nkat4; nkat4a; nkat4b; KIR antigen 3DL2; killer Ig receptor; p70 NK receptor CL-5; MHC class I NK cell receptor; CD158 antigen-like family member K; p70 killer cell inhibitory receptor; natural killer-associated transcript 4; natural killer cell inhibitory receptor; p70 natural killer cell receptor clone CL-5; killer cell immunoglobulin-like receptor KIR3DL2; p140; NKAT4; NKAT-4; NKAT4B; MGC125321;
Gene ID	3812
mRNA Refseq	NM_001242867
Protein Refseq	NP_001229796
MIM	604947

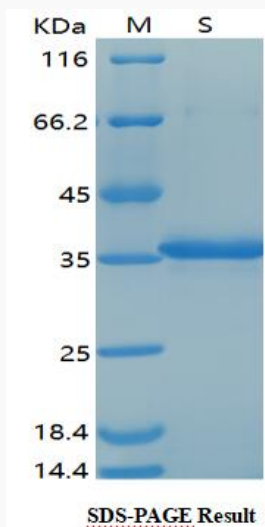
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UniProt ID P43630

SDS-PAGE



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